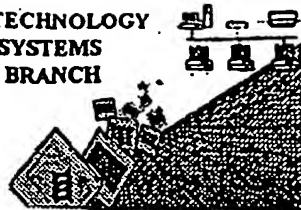


RAW SEQUENCE LISTING
ERROR REPORT



BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 101783,268
Source: JPWO
Date Processed by STIC: 8/24/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS.

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>) , EFS Submission User Manual -cPAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/783,268

DATE: 08/24/2004
TIME: 16:42:47

Input Set : A:\Plasmepsin II.ST25.txt
Output Set: N:\CRF4\08242004\J783268.raw

3 <110> APPLICANT: Savarino, Andrea
5 <120> TITLE OF INVENTION: Methods for Treatment of HIV or Malaria Using Combinations
6 Chloroquine and Protease Inhibitors
8 <130> FILE REFERENCE: 97728.00147
10 <140> CURRENT APPLICATION NUMBER: 10/783,268
11 <141> CURRENT FILING DATE: 2004-02-20
13 <150> PRIOR APPLICATION NUMBER: 60/449,517
14 <151> PRIOR FILING DATE: 2003-02-21
16 <150> PRIOR APPLICATION NUMBER: 60/471,038
17 <151> PRIOR FILING DATE: 2003-05-16
19 <160> NUMBER OF SEQ ID NOS: 2 Found!
21 <170> SOFTWARE: PatentIn version 3.2

ED SEQUENCES

23 <210> SEQ ID NO: 1
24 <211> LENGTH: 453
25 <212> TYPE: PRT
26 <213> ORGANISM: Plasmodium falciparum
29 <220> FEATURE:
30 <221> NAME/KEY: MISC_FEATURE
31 <222> LOCATION: (1)..(453)
33 <300> PUBLICATION INFORMATION:
34 <308> DATABASE ACCESSION NO: NCBI/P46925
35 <309> DATABASE ENTRY DATE: 2004-06-15
36 <313> RELEVANT RESIDUES: (1)..(453)
38 <400> SEQUENCE: 2-1
40 Met Asp Ile Thr Val Arg Glu His Asp Phe Lys His Gly Phe Ile Lys
41 1 5 10 15
44 Ser Asn Ser Thr Phe Asp Gly Leu Asn Ile Asp Asn Ser Lys Asn Lys
45 20 25 30
48 Lys Lys Ile Gln Lys Gly Phe Gln Ile Leu Tyr Val Leu Leu Phe Cys
49 35 40 45
52 Ser Val Met Cys Gly Leu Phe Tyr Tyr Val Tyr Glu Asn Val Trp Leu
53 50 55 60
56 Gln Arg Asp Asn Glu Met Asn Glu Ile Leu Lys Asn Ser Glu His Leu
57 65 70 75 80
50 Thr Ile Gly Phe Lys Val Glu Asn Ala His Asp Arg Ile Leu Lys Thr
51 85 90 95
54 Ile Lys Thr His Lys Leu Lys Asn Tyr Ile Lys Glu Ser Val Asn Phe
55 100 105 110
58 Leu Asn Ser Gly Leu Thr Lys Thr Asn Tyr Leu Gly Ser Ser Asn Asp

Does Not Comply
Corrected Diskette Needed

(pg.1)

RAW SEQUENCE LISTING

DATE: 08/24/2004

PATENT APPLICATION: US/10/783,268

TIME: 16:42:47

Input Set : A:\Plasmepsin II.ST25.txt

Output Set: N:\CRF4\08242004\J783268.raw

```

69          115          120          125
72 Asn Ile Glu Leu Val Asp Phe Gln Asn Ile Met Phe Tyr Gly Asp Ala
73      130          135          140
76 Glu Val Gly Asp Asn Gln Gln Pro Phe Thr Phe Ile Leu Asp Thr Gly
77 145          150          155          160
80 Ser Ala Asn Leu Trp Val Pro Ser Val Lys Cys Thr Thr Ala Gly Cys
81          165          170          175
84 Leu Thr Lys His Leu Tyr Asp Ser Ser Lys Ser Arg Thr Tyr Glu Lys
85          180          185          190
88 Asp Gly Thr Lys Val Glu Met Asn Tyr Val Ser Gly Thr Val Ser Gly
89          195          200          205
92 Phe Phe Ser Lys Asp Leu Val Thr Val Gly Asn Leu Ser Leu Pro Tyr
93      210          215          220
96 Lys Phe Ile Glu Val Ile Asp Thr Asn Gly Phe Glu Pro Thr Tyr Thr
97 225          230          235          240
100 Ala Ser Thr Phe Asp Gly Ile Leu Gly Leu Gly Trp Lys Asp Leu Ser
101          245          250          255
104 Ile Gly Ser Val Asp Pro Ile Val Val Glu Leu Lys Asn Gln Asn Lys
105          260          265          270
108 Ile Glu Asn Ala Leu Phe Thr Phe Tyr Leu Pro Val His Asp Lys His
109          275          280          285
112 Thr Gly Phe Leu Thr Ile Gly Gly Ile Glu Glu Arg Phe Tyr Glu Gly
113          290          295          300
116 Pro Leu Thr Tyr Glu Lys Leu Asn His Asp Leu Tyr Trp Gln Ile Thr
117 305          310          315          320
120 Leu Asp Ala His Val Gly Asn Ile Met Leu Glu Lys Ala Asn Cys Ile
121          325          330          335
124 Val Asp Ser Gly Thr Ser Ala Ile Thr Val Pro Thr Asp Phe Leu Asn
125          340          345          350
128 Lys Met Leu Gln Asn Leu Asp Val Ile Lys Val Pro Phe Leu Pro Phe
129          355          360          365
132 Tyr Val Thr Leu Cys Asn Asn Ser Lys Leu Pro Thr Phe Glu Phe Thr
133          370          375          380
136 Ser Glu Asn Gly Lys Tyr Thr Leu Glu Pro Glu Tyr Tyr Leu Gln His
137 385          390          395          400
140 Ile Glu Asp Val Gly Pro Gly Leu Cys Met Leu Asn Ile Ile Gly Leu
141          405          410          415
144 Asp Phe Pro Val Pro Thr Phe Ile Leu Gly Asp Pro Phe Met Arg Lys
145          420          425          430
148 Tyr Phe Thr Val Phe Asp Tyr Asp Asn His Ser Val Gly Ile Ala Leu
149          435          440          445
152 Ala Lys Lys Asn Leu
153      450

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/783,268

DATE: 08/24/2004

TIME: 16:42:48

Input Set : A:\Plasmepsin II.ST25.txt

Output Set: N:\CRF4\08242004\J783268.raw

.:38 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:1 differs:2

.:19 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (2) Counted (1)